

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041522\
 Data File : VW025577.D
 Acq On : 15 Apr 2022 18:50
 Operator : SY/MD
 Sample : N2384-14
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6Q5

Quant Time: Apr 16 02:45:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 16 02:38:36 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

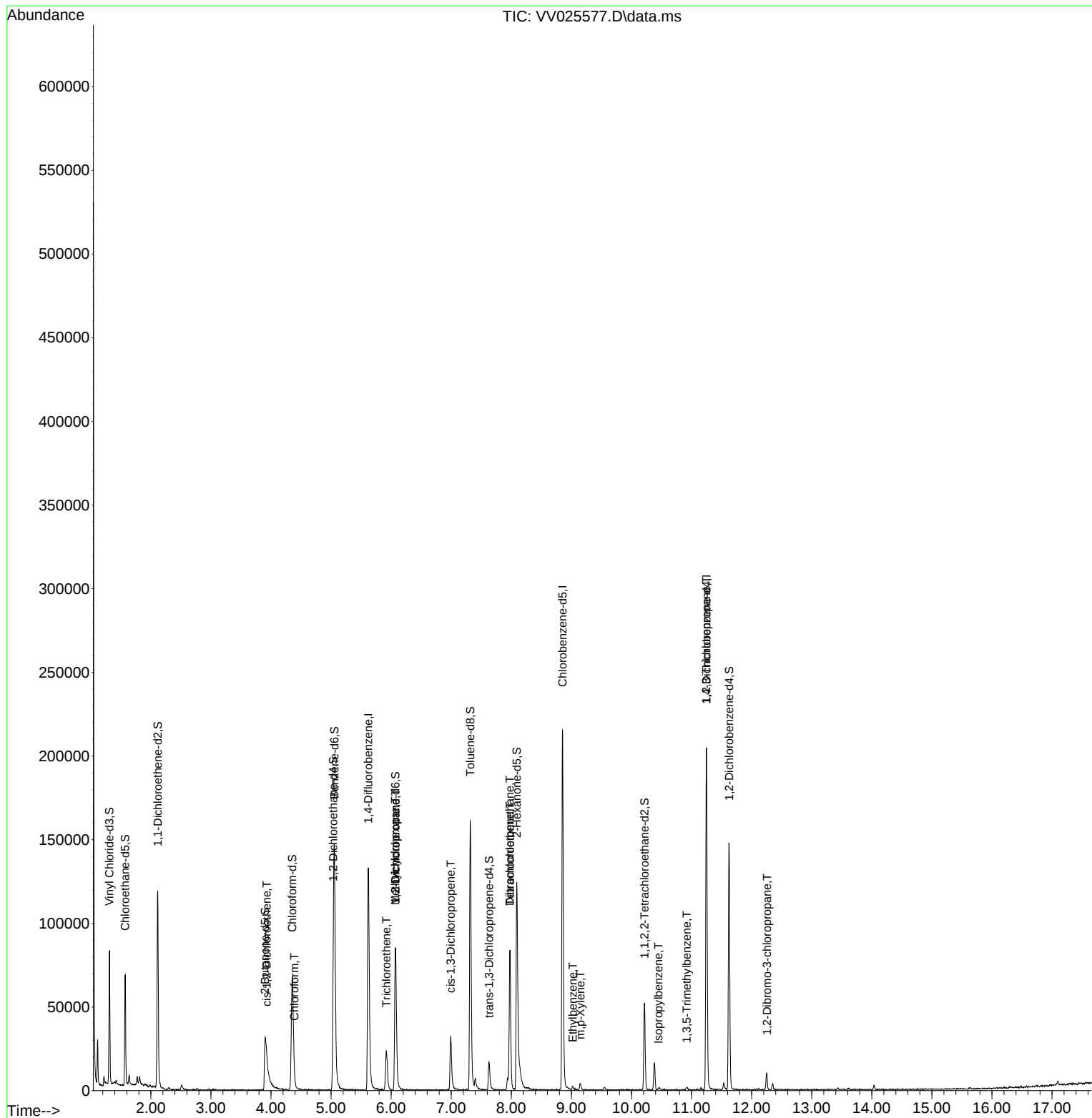
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	116946	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	118767	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52778	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	40613	3.735	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.800%
7) Chloroethane-d5	1.571	69	41174	3.560	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.200%
11) 1,1-Dichloroethene-d2	2.114	63	63060	2.895	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.000%#
20) 2-Butanone-d5	3.902	46	61403	46.428	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.860%
24) Chloroform-d	4.355	84	70581	4.296	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	5.037	65	33871	4.785	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.053	84	135433	3.941	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
36) 1,2-Dichloropropane-d6	6.072	67	41051	4.283	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.600%
41) Toluene-d8	7.317	98	107849	3.382	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.600%#
43) trans-1,3-Dichloroprop...	7.629	79	10706	3.324	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.400%
46) 2-Hexanone-d5	8.092	63	42653	37.728	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.460%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25037	4.135	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	37312	4.217	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.400%
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	3.928	96	895	0.100	ug/L	83
25) Chloroform	4.388	83	1629	0.107	ug/L	89
34) Trichloroethene	5.921	95	7951	0.854	ug/L	92
35) Methylcyclohexane	6.069	83	10116	0.681	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	4632	0.571	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	826	0.078	ug/L #	66
47) Tetrachloroethene	7.976	164	17922	2.457	ug/L	97
49) Dibromochloromethane	7.976	129	16796	2.815	ug/L #	11
52) Ethylbenzene	9.024	91	1515	0.037	ug/L	88
53) m,p-Xylene	9.149	106	1336	0.086	ug/L	93
60) Isopropylbenzene	10.448	105	1480	0.045	ug/L #	76
61) 1,2,3-Trichloropropane	11.246	75	6540	1.881	ug/L #	58
62) 1,3,5-Trimethylbenzene	10.921	105	1234	0.085	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.259	75	322	0.536	ug/L #	2

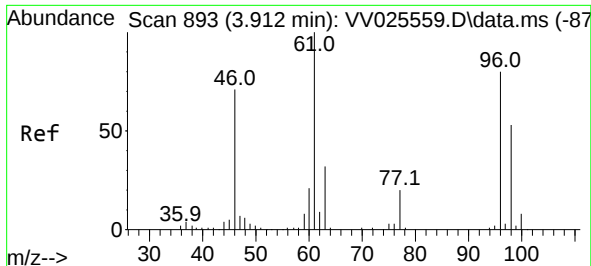
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.100 ug/L

RT: 3.928 min Scan# 895

Delta R.T. 0.016 min

Lab File: VV025577.D

Acq: 15 Apr 2022 18:50

Instrument :

MSVOA_V

ClientSampleId :

EW6Q5

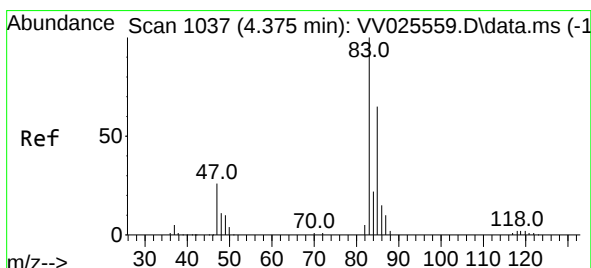
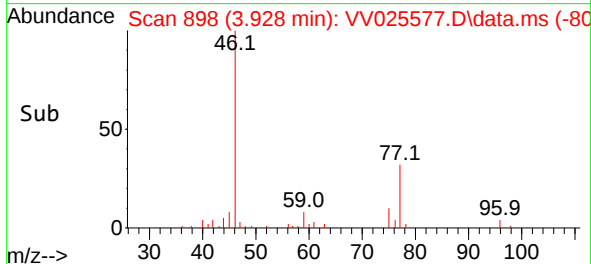
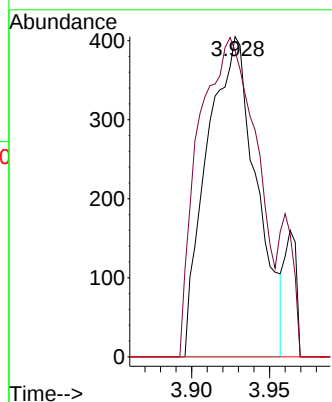
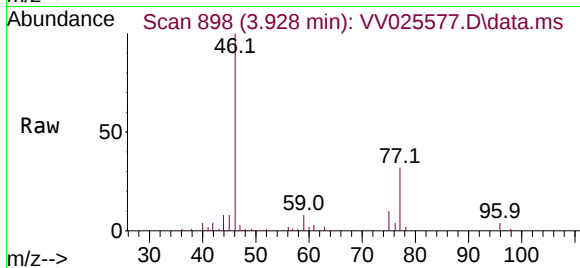
Tgt Ion: 96 Resp: 895

Ion Ratio Lower Upper

96 100

61 95.6 80.0 148.6

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.107 ug/L

RT: 4.388 min Scan# 1041

Delta R.T. 0.013 min

Lab File: VV025577.D

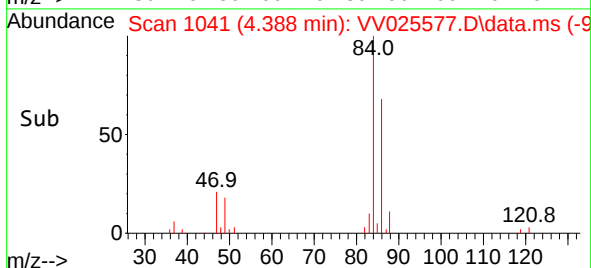
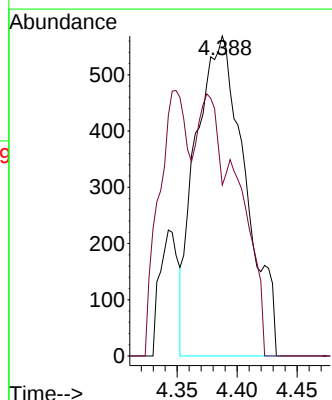
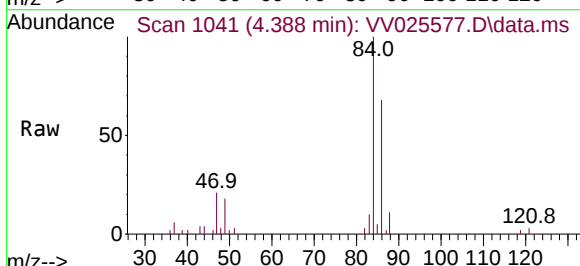
Acq: 15 Apr 2022 18:50

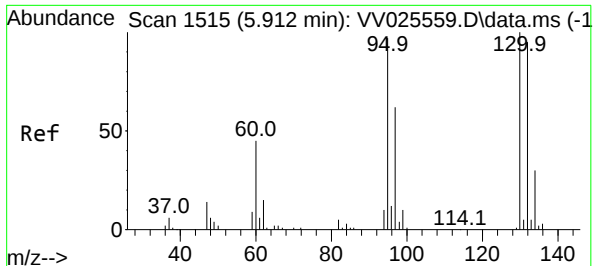
Tgt Ion: 83 Resp: 1629

Ion Ratio Lower Upper

83 100

85 53.4 43.5 80.7





#34

Trichloroethene

Concen: 0.854 ug/L

RT: 5.921 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV025577.D

Acq: 15 Apr 2022 18:50

Instrument :

MSVOA_V

ClientSampleId :

EW6Q5

Tgt Ion: 95 Resp: 7951

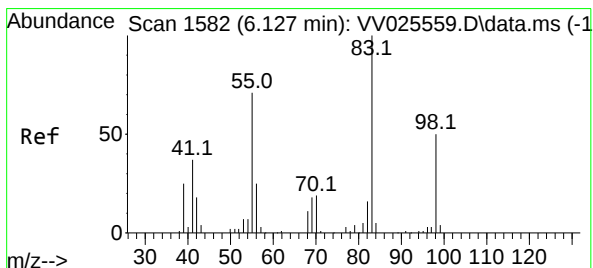
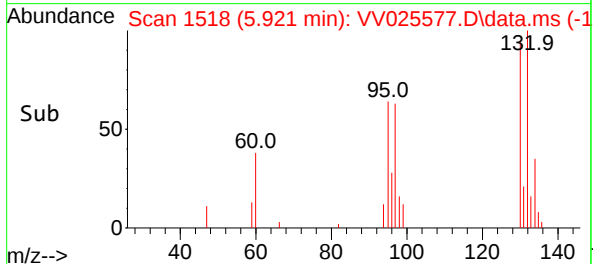
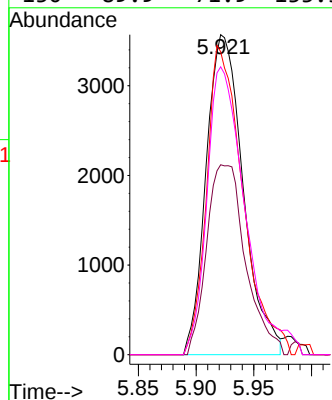
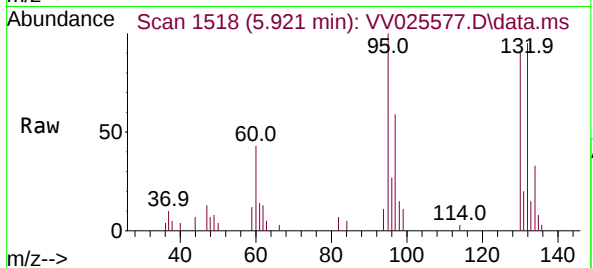
Ion Ratio Lower Upper

95 100

97 59.3 45.8 85.2

132 94.6 68.0 126.4

130 89.9 71.9 133.5



#35

Methylcyclohexane

Concen: 0.681 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV025577.D

Acq: 15 Apr 2022 18:50

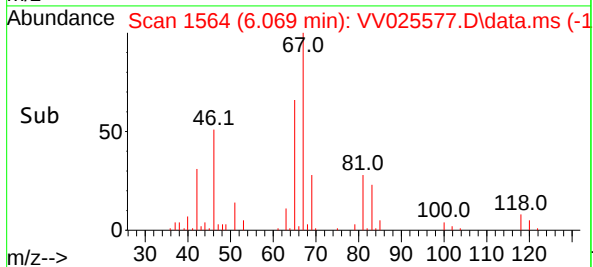
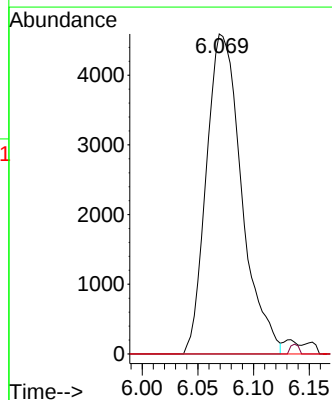
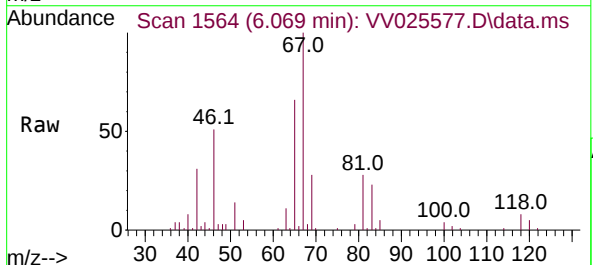
Tgt Ion: 83 Resp: 10116

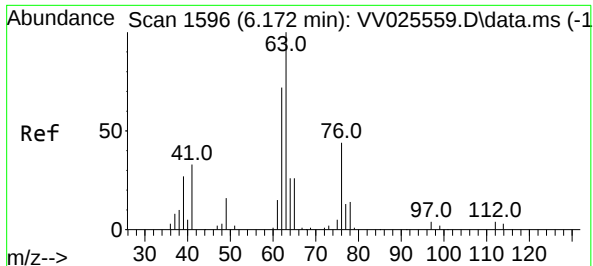
Ion Ratio Lower Upper

83 100

55 0.7 53.7 80.5#

98 0.0 39.6 59.4#

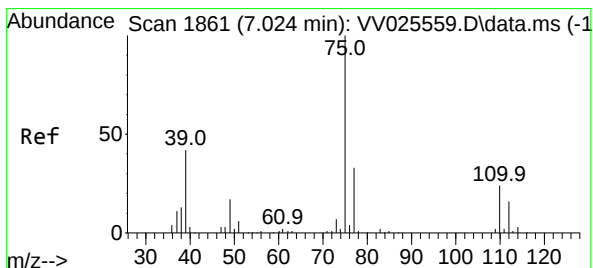
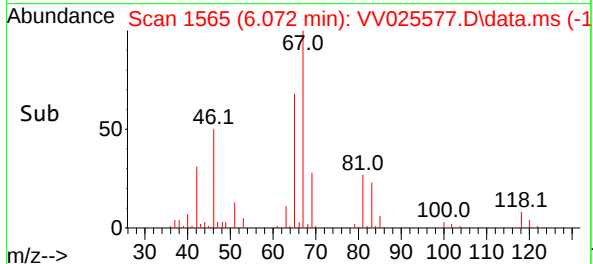
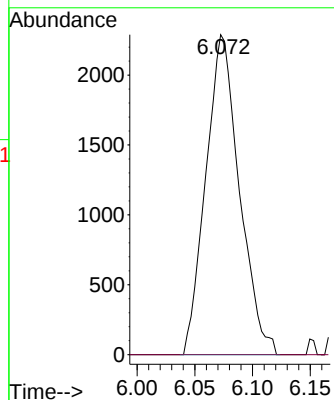
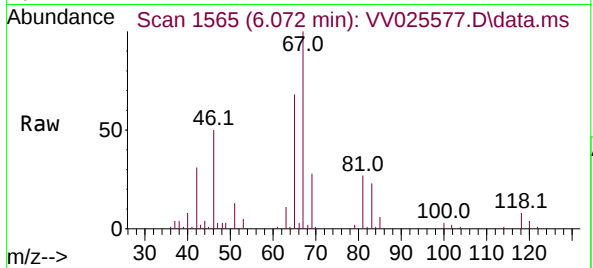




#37
1,2-Dichloropropane
Concen: 0.571 ug/L
RT: 6.072 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV025577.D
Acq: 15 Apr 2022 18:50

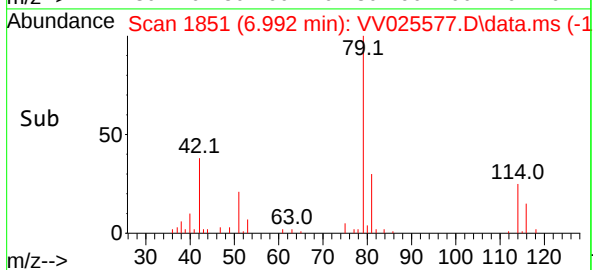
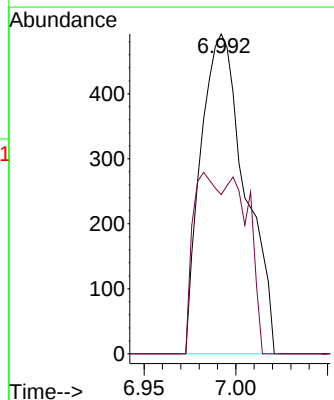
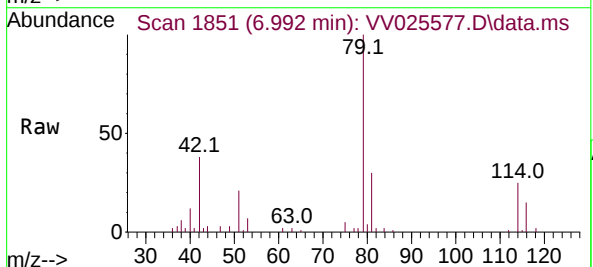
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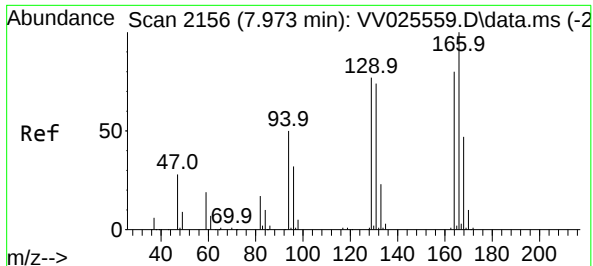
Tgt Ion: 63 Resp: 4632
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#39
cis-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.032 min
Lab File: VV025577.D
Acq: 15 Apr 2022 18:50

Tgt Ion: 75 Resp: 826
Ion Ratio Lower Upper
75 100
77 49.8 21.8 40.6#





#47

Tetrachloroethene

Concen: 2.457 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV025577.D

Acq: 15 Apr 2022 18:50

Instrument :

MSVOA_V

ClientSampleId :

EW6Q5

Tgt Ion:164 Resp: 17922

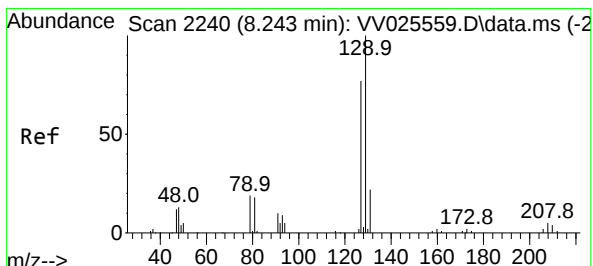
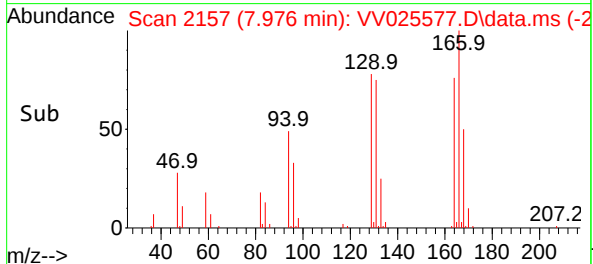
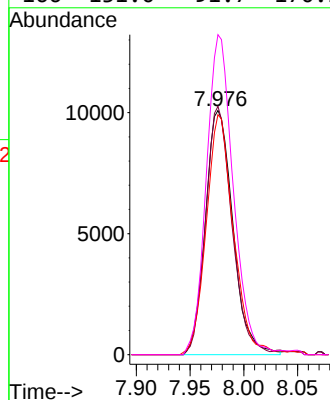
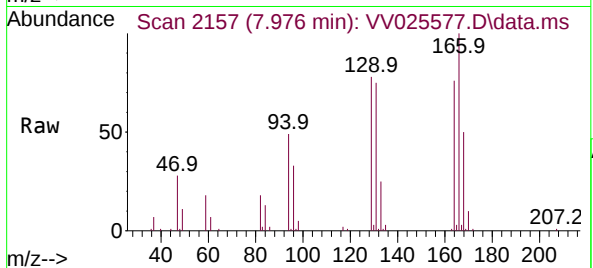
Ion Ratio Lower Upper

164 100

129 101.7 66.8 124.2

131 98.3 66.4 123.4

166 131.0 91.7 170.3



#49

Dibromochloromethane

Concen: 2.815 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV025577.D

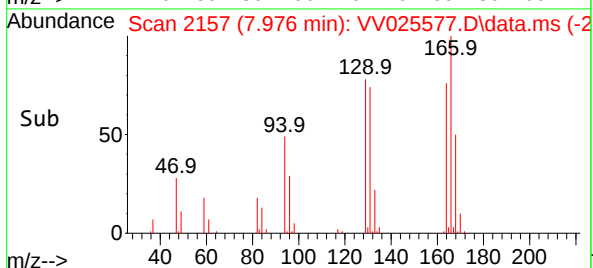
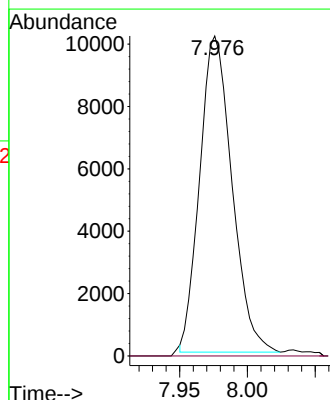
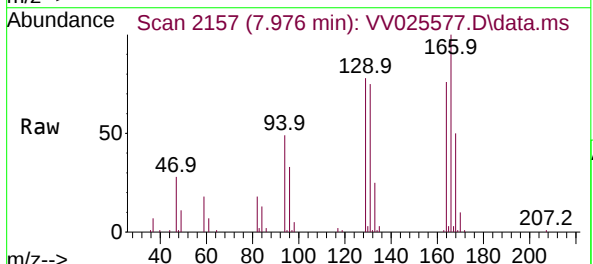
Acq: 15 Apr 2022 18:50

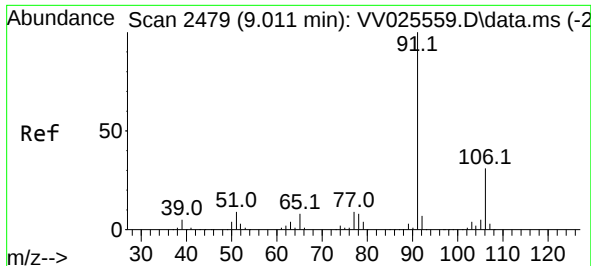
Tgt Ion:129 Resp: 16796

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#





#52

Ethylbenzene

Concen: 0.037 ug/L

RT: 9.024 min Scan# 2479

Delta R.T. 0.013 min

Lab File: VV025577.D

Acq: 15 Apr 2022 18:50

Instrument :

MSVOA_V

ClientSampleId :

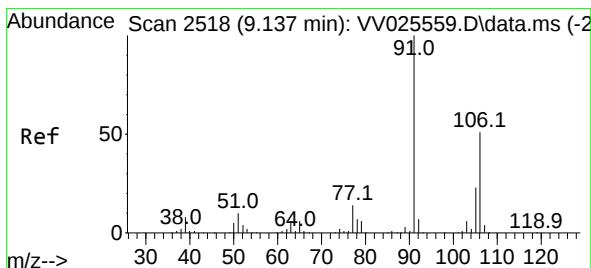
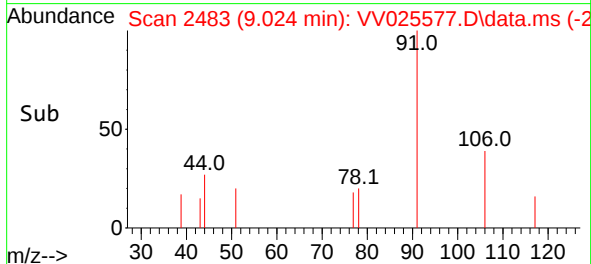
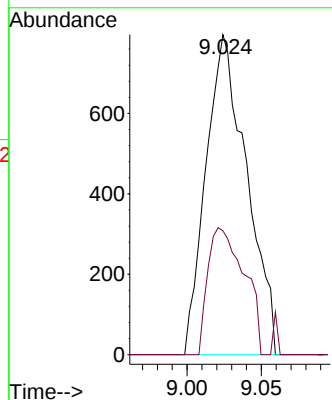
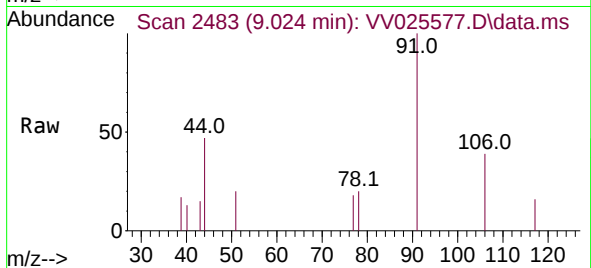
EW6Q5

Tgt Ion: 91 Resp: 1515

Ion Ratio Lower Upper

91 100

106 38.7 22.3 41.3



#53

m,p-Xylene

Concen: 0.086 ug/L

RT: 9.149 min Scan# 2522

Delta R.T. 0.013 min

Lab File: VV025577.D

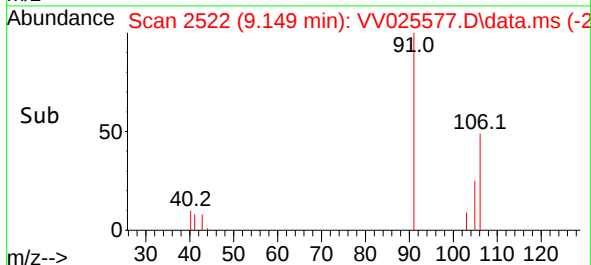
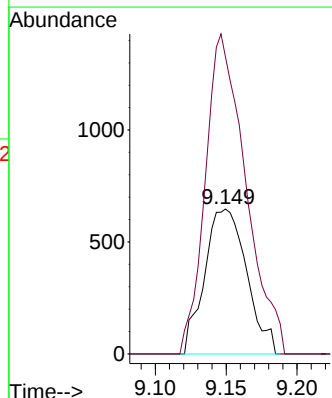
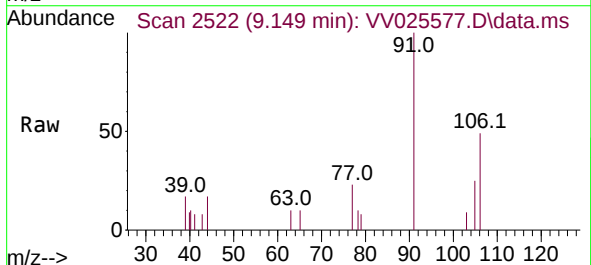
Acq: 15 Apr 2022 18:50

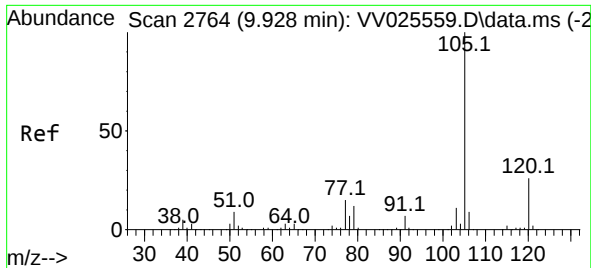
Tgt Ion: 106 Resp: 1336

Ion Ratio Lower Upper

106 100

91 204.9 136.4 253.4

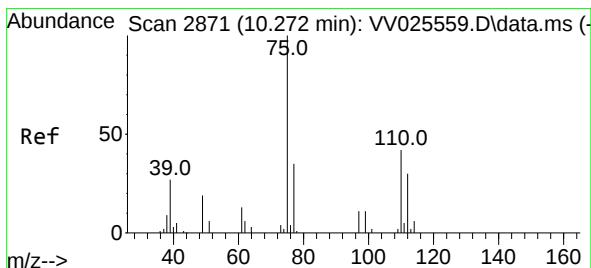
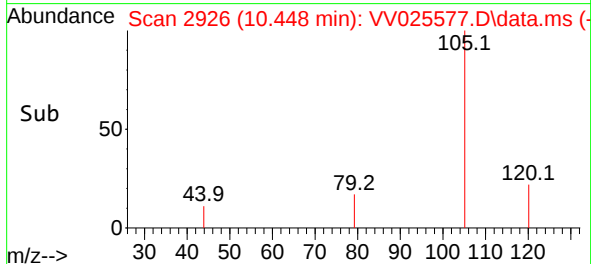
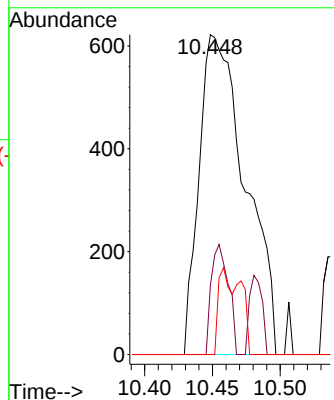
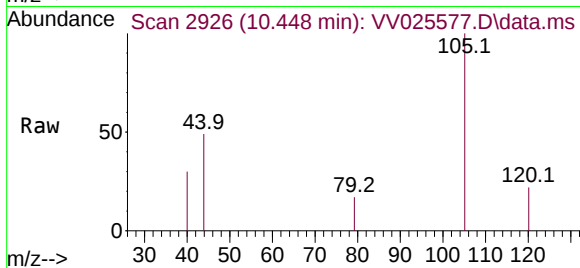




#60
Isopropylbenzene
Concen: 0.045 ug/L
RT: 10.448 min Scan# 2926
Delta R.T. 0.521 min
Lab File: VV025577.D
Acq: 15 Apr 2022 18:50

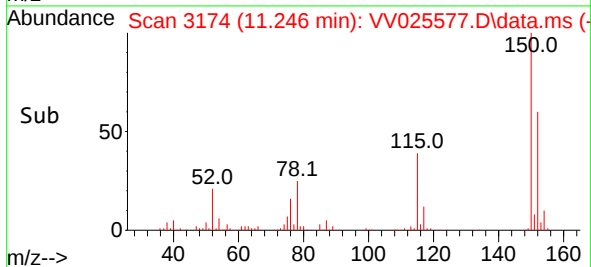
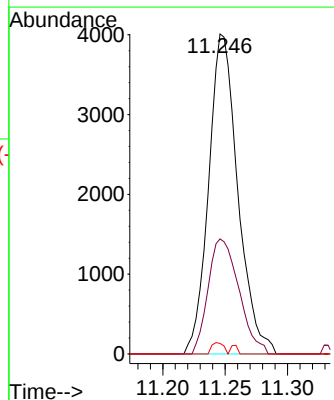
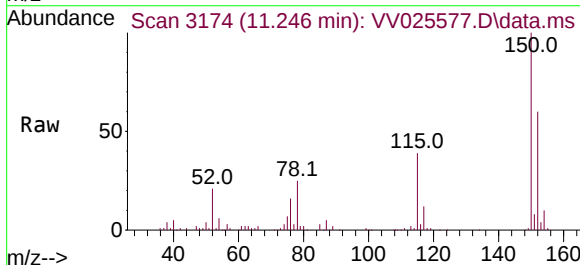
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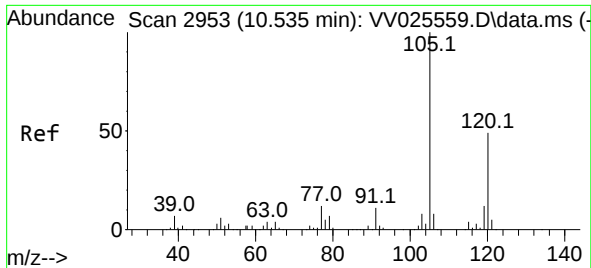
Tgt Ion:105 Resp: 1480
Ion Ratio Lower Upper
105 100
120 12.7 21.2 31.8#
77 7.4 12.2 18.2#



#61
1,2,3-Trichloropropane
Concen: 1.881 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV025577.D
Acq: 15 Apr 2022 18:50

Tgt Ion: 75 Resp: 6540
Ion Ratio Lower Upper
75 100
77 37.8 25.6 38.4
110 1.4 34.7 52.1#

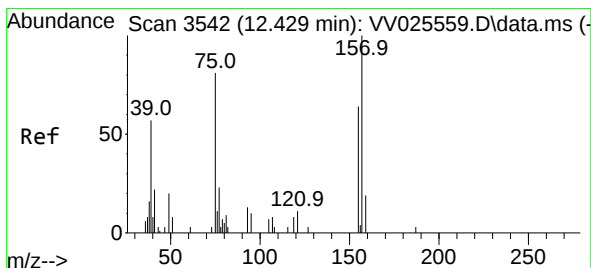
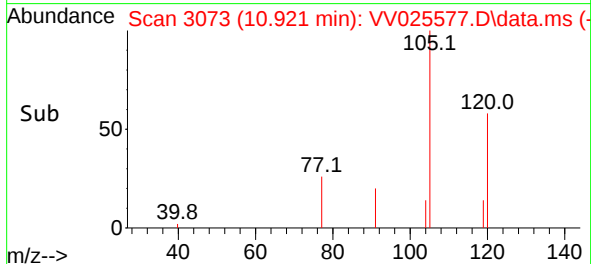
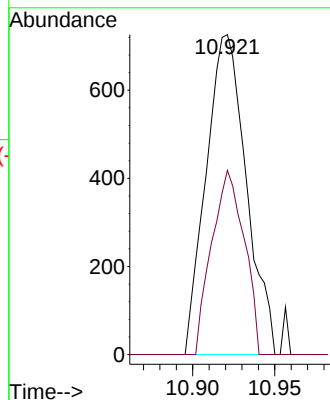
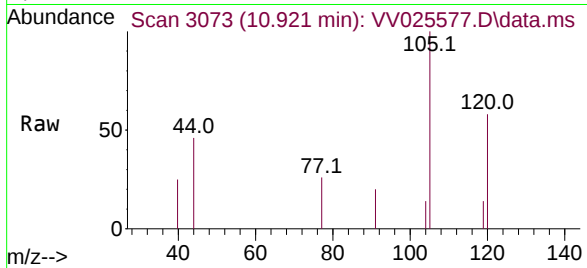




#62
 1,3,5-Trimethylbenzene
 Concen: 0.085 ug/L
 RT: 10.921 min Scan# 3073
 Delta R.T. 0.386 min
 Lab File: VV025577.D
 Acq: 15 Apr 2022 18:50

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6Q5

Tgt Ion:105 Resp: 1234
 Ion Ratio Lower Upper
 105 100
 120 46.5 39.6 59.4



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.536 ug/L
 RT: 12.259 min Scan# 3489
 Delta R.T. -0.170 min
 Lab File: VV025577.D
 Acq: 15 Apr 2022 18:50

Tgt Ion: 75 Resp: 322
 Ion Ratio Lower Upper
 75 100
 155 0.0 65.8 98.8#
 157 0.0 86.6 130.0#

